

NV RIFLESCOPE MANUAL

Features

Magnification , x	2
Objective Diameter,mm	50
Intensifier Tube Gen.	1
Resolution, lp	35
FOV, degree	15
Detective distance, m	150
Dioptre, D	+/-2.5
Operation Voltage , V	3
Eye Relief,mm	45
Operation Temperature	-30-+40°C
Work Time (w/o IR) ,Hrs	70
Waterproof grade, IEC60529	IPX4
Length , mm	276
Width, mm	93
Height,mm	98
Weight,kg	1.04

*Normal observe conditions at 0.05lux, 1/4moonlight ;

*Weight may vary according to rail attached varies.

Package

- Scope
- Softcase

·Manual

**Alluminum case is available for request.

**Actual features may be changed for upgrade performance

Main Characters :

- Red cross reticle
- High resolution image
- 2x magnification
- 5m closest focus range
- Aircraft Alluminum body
- Built-in IR illuminator
- Reticle brightness adjustable
- Waterproof
- Ergonomic design
- Flip up objective lens cover
- side rail for more function attachable
- easy carry bag

Warning : any incorrect operation may cause malfunction of the scope ! Such damage is out of warranty !

Operation Instruction

NV Rifle Scope is a professional designed scope which can be used in almost fully dark night. Most night vision products need visible light, but this scope don't need it. It has built-in infrared light illuminator, can see excellent image in fully dark night. Durable metal body and precisely designed optical system and stable power suppl etc. features guarantee its normal usage in bad weather. Battery can work between -22F ~ +104F ~ -30°C ~ +40°C temperature over 70 hours.

The scope can be good

Partner in following fields :

- Outdoor hunting, observation
- Security、rescue
- Photo or video recording in the night

Note

The scope has long life design, to ensure its work time longer, please note followings :

Designed recoil maximum level for the scope is 3700joules , caliber of gun should be lower than 7.62/.308. If the recoil or caliber exceed the above range caused damage is out of warranty.

- Should not expose the scope under 1lux light (i.e car headlight), after use, cover the lens cover and wait the green light in eyepiece disappear.
- Lens cover should not be opened under 1lux light, otherwise the damage is out of warranty.
- Don't dismattle the scope by yourself in any time.
- Clean the lens should use professional lens cleaner.
- This scope can be used between -22F ~ +104F ~ -30°C ~ +40°C

But after used in cold weather, need 3-4 hours then can be used in warm circumstance.

- Must installed on right gun and right base, any incorrect installation may cause damage and dangers.
 - Correct maintenance can make it use longer.
- Any incorrect operations may cause damage, and is out of warranty.

Battery Installation

- Unscrew the battery cover properly ;

·Positive inward put one CR123A battery ;

·Screw the battery cover clockwise tightly

Operation Instruction

Special Warning : Test the scope must under dark circumstance !

It use 1 pc CR123A battery, make sure the battery is properly installed before use.

·Before use, go into dark circumstance first; or don't open lens cover, just use pin hole on lens cover to observe

·After go into dark circumstance, open lens cover

·Push ON/OFF button, indicator should shine

·Push + button, cross reticle should be light up

·Adjust + button to make brightness brighter

·Aiming 100m (110yds) target adjust focus to get clear image, the focus ring maybe tight, it's normal.

·Adjust eyepiece to get clearest image

·If target is still not clear, don't adjust eyepiece lens, just adjust objective lens.

·Shut down just switch off power and close cover

·Mounted on rail, set zero according to shooting instruction

Aiming adjustment

Must use the scope under safe conditions :

·make sure have no visible light, close lens cover ; under light, infrared IR can not function effectively.

Attention : Scope must be used under regulated temperatures and humidity , otherwise damage maybe happen !

·If cross reticle is out of centre of target, need adjust elevation or windage to make them in same

point.

·Shoot 3-4 times.

·Confirm near impact points and med range impact points.

·If med range impact points more than regulated figure, adjust the elevation to make make med range point is coincident with centre of reticle. Each click is equivalent to 20mm on 100m distance.

Cross Reticle

It is designed built-in to help shooter find target properly.

Maintenance

Every year need 2 time maintenance for the products, including following aspects :

·Clean surface , dust and moistures etc. use professional tissue and oils.

·Clean electrical parts and battery case , with pure alcohol.

·Only in necessary to clean lens, must use professional tissue and liquids

·Newspaper is forbidden to touch lens, alcohol can not be poured directly on lens.

FAQS

·**Product can not switch on**

Check battery if it is installed properly ; Check battery case if it is no broken, battery contact, if necessary clean the case ; Make sure battery is good, if need replace new battery ; Make sure switch button is work.

·**Obvious black dot**

According to present technical level, intensifier tube have dot is unavoidable, will not influence normal use

·**Image shining and blur**

Under bright circumstance , product may shining.

Please close cover and go into dark circumstance operate or test. Never stay it under strong light. After go into dark place, it may continue shining for several seconds

If observe strong light, (i.e in daylight, towards car light or fire etc) even go into dark circumstance , it still maybe have blur for sometime.

·**Can not see reticle clearly**

It maybe caused by the dioptré is out of your eye range. If you are nearsighted or farsighted over 4D, please wear glasses to observe

·**When shooting, the reticle position moved**

Check the scope is fixed properly on the gun, also check the caliber of bullet is same as set. If the setting is in the summer, but shooting is in the winter, it may have movement too